

### **ABSTRACT OF THE DISCLOSURE**

In a networked expert system for automated evaluation and quality control of medical point of care (POC) laboratory measuring data, whereby a POC measuring device in the practice of the treating physician is connected to an external central expert system via a data line or a network. The expert system functions as a virtual laboratory data collection and diagnosis system, and allows the treating physician to evaluate and judge the POC data, as well as to prepare treatment proposals due to implemented rules and, as warranted, augmented with a networking with storage systems containing the up-to-date medical knowledge and with electronic data banks for patient data.